
Over 30 U. S. Blind Stitch Models

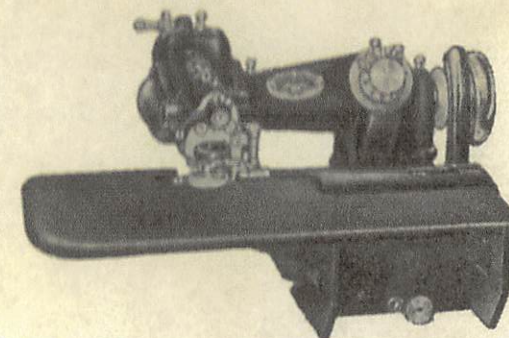


**There is a U. S. Machine
for Every Blind Stitch Need**

Printed in U.S.A.

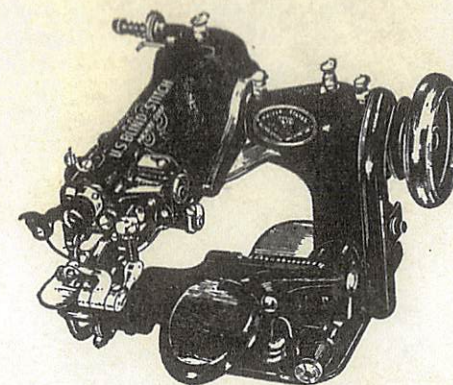
**INSTRUCTIONS and
PARTS BOOK for
U. S. BLIND STITCH
MACHINES**

Model
88-PR



and

Model
78-PR



U. S. BLIND STITCH MACHINE CORP.

312 SEVENTH AVENUE

NEW YORK 1, N. Y.

LAckawanna 4-9144-5-6

A. J. MITCHELL CO.
85 BEACH STREET
BOSTON 11, MASS.

**Unless specifically mentioned, the parts
illustrated in this catalogue are for both
Models 78-PR and 88-PR.**

**It is always advisable to state the model
of your machine when ordering parts.**

YOU CAN DEPEND ON U. S. SERVICE

Simplicity of construction is the keynote of U. S. Blind Stitch Machines. Every effort has been made to simplify the use of this catalogue so that each machine part can be easily identified.

Seldom does a U. S. Machine get out of order, because it is rugged and uncomplicated in construction and there are many years of practical experience behind it. Instructions are simply given and if an ordinary amount of knowledge is used, very little mechanical skill is necessary. You are sure to be more than pleased with quantity and quality of production you receive from your U. S. Machines.

**When Ordering Parts
BE SURE to
Specify Model of Machine**

VERY IMPORTANT

To assure the proper operation of U. S. Machines, use GENUINE U. S. NEEDLES ONLY, this is the wise way to avoid trouble, loss of valuable time, costly repairs and assures the best results.

Standard Needle Sizes
Used in These Models
#10, #15, #20, #25

Each needle has its size stamped on the shank.
U. S. B. S. is stamped on all U. S. needles.

THROW AWAY DULL OR HOOKED NEEDLE

Good results are obtained only by using a sharp needle. While U. S. needles give extra long service, they do, eventually, become dull. Then discard and insert a new U. S. needle of the proper size.

HOW TO INSERT NEW NEEDLE CORRECTLY

To take out the old needle, slightly loosen the clamp screw where the needle sets. Before inserting the new needle, turn the Radio Dial Knob to the right a sufficient number of times so the needle is entirely clear of the rib. To insert a new needle: push it up into the groove as far as it will go and tighten the screw, then turn the dial back slowly until you reach the required penetration. It is easy to operate the Radio Dial Knob which regulates needle penetration.

Be Sure the Needle You Use Has Genuine U. S. Trademark on the Shank, on the Box and on the Envelope.

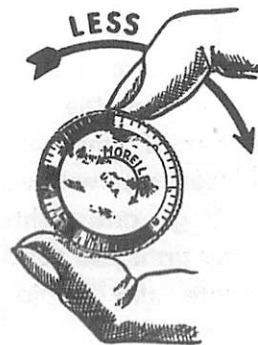
THE DIAL

The dial, of course, must be adjusted to the thickness of the fabric, so that the stitch will be regular and even. If the needle fails to catch on the right side of the material, or bottom layer, turn the dial-a little at a time-to the left, as the arrow points to "MORE". Run a few stitches to test. If the needle point goes down too deep and shows too much impression on the right side of the material, turn the dial to the right as the arrow points to "LESS". Then test until you have the right penetration. Only a little patience is required for skilled adjusting.

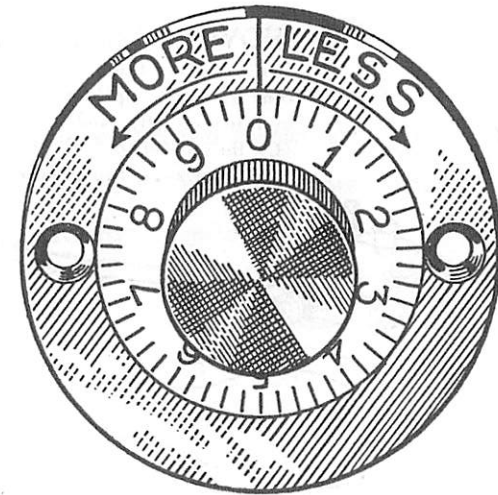
GUIDE FOR PROPER NEEDLE PENETRATION



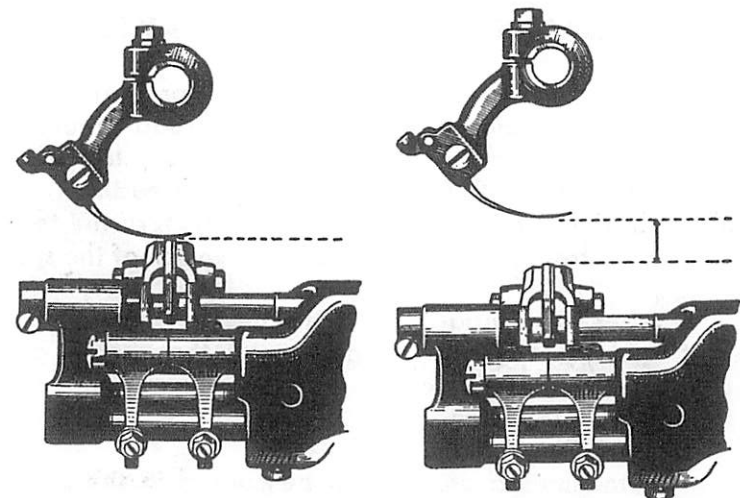
Dial Showing "MORE"



Dial Showing "LESS"

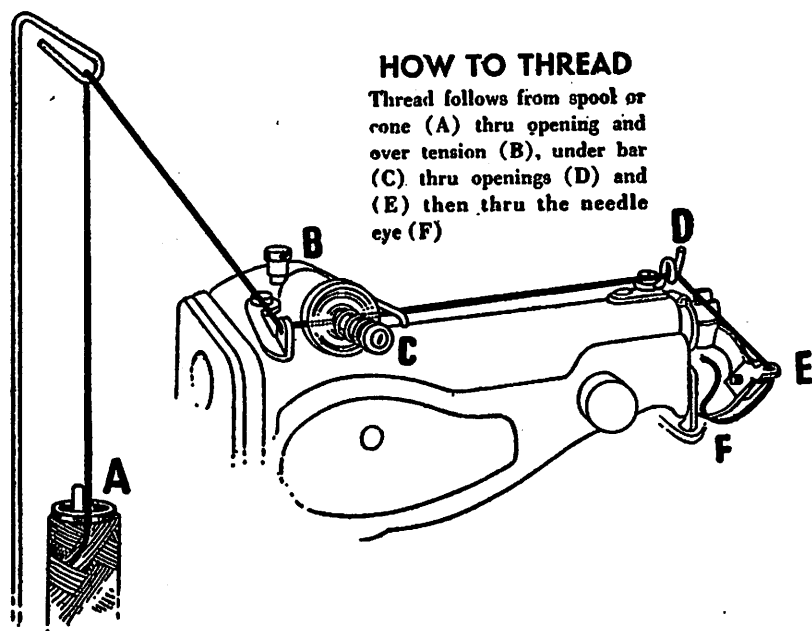


NEW TYPE DIAL NOW USED ON U. S. MODEL 88-PR



Rib Shaft Adjustment
for "MORE"

Rib Shaft Adjustment
for "LESS"



THREAD BREAKAGE: HOW TO AVOID

See that the machine is threaded properly, as improper threading causes breakage. The thread should feed firmly, but without pull or interruption. If the stitch is loose, turn the tension nut (C) toward you. If the thread travels too tightly, shirring the material, or if it breaks, turn the tension nut (C) away from you which will loosen tension of the spring.

After substantial service, the needle will be inclined to cut a sharp edge in the groove of the needle guide, causing thread breakage. When this occurs, we suggest replacing needle guide: part #47.

Sometimes a groove will be caused in the opening of needle clamp (E) by constant thread friction; this also will cause thread breakage. You can avoid this by changing needle clamp: part #36.

OIL IS THE LIFE OF THE MACHINE

Be SURE to oil every movable part wherever oil cups or open holes are located EVERY DAY, especially when the machine is new. When oiling, insert the oil spout firmly. Use proper lubricating oil.

By observing these simple instructions, you will secure satisfactory results from your machine. If you do run into any trouble, get in touch with our main office, or the representative from whom you bought the machine.

HAND WHEEL

The hand wheel must always turn away from the operator.

SPEED

Speed of the machine depends on the model. On all skip (or interval) stitch machines, we recommend speed from 2,000 to 3,000 stitches per minute.

Very Important: Do not mount machine on high speed motors.

REPLACING LOOPER

Replacing of the looper (part #22) is of utmost importance and the principle is the same on all machines.

Loosen the screw and remove the old looper. Insert new looper in the same slot and turn with fingers so that the looper is straight and the needle enters between the prongs of the looper clearing the looper prongs without touching either one. Then turn hand wheel slowly away from you until the looper reaches the far right side of the presser foot where the looper should clear the needle just in front of the needle eye and needle is under the looper without touching it. Then when looper goes to left side also, see that it clears the needle guide. Tighten looper screw to hold looper in position. Make certain that the looper does not touch the feeder.

If, for some reason, you are not able to adjust the looper in the proper position, note that on the right side of machine is the eccentric block (part #21). Here are three set screws which hold assembly unit of the entire looper in position. By loosening these three screws, you may raise or lower looper to desired position. When the looper is finally in correct position, be sure to tighten the screws again.

REPLACING FEEDER

To replace feeder (part #43-PR), remove only front screw of feed lever and loosen inner screw. Remove the broken or worn feeder from feed lever and replace with new one. After new feeder is in place, move hand wheel away from you to determine that looper clears above feeder; if they do touch, press feeder down with finger until the looper clears and tighten screws on feed lever.

D O N T ' S

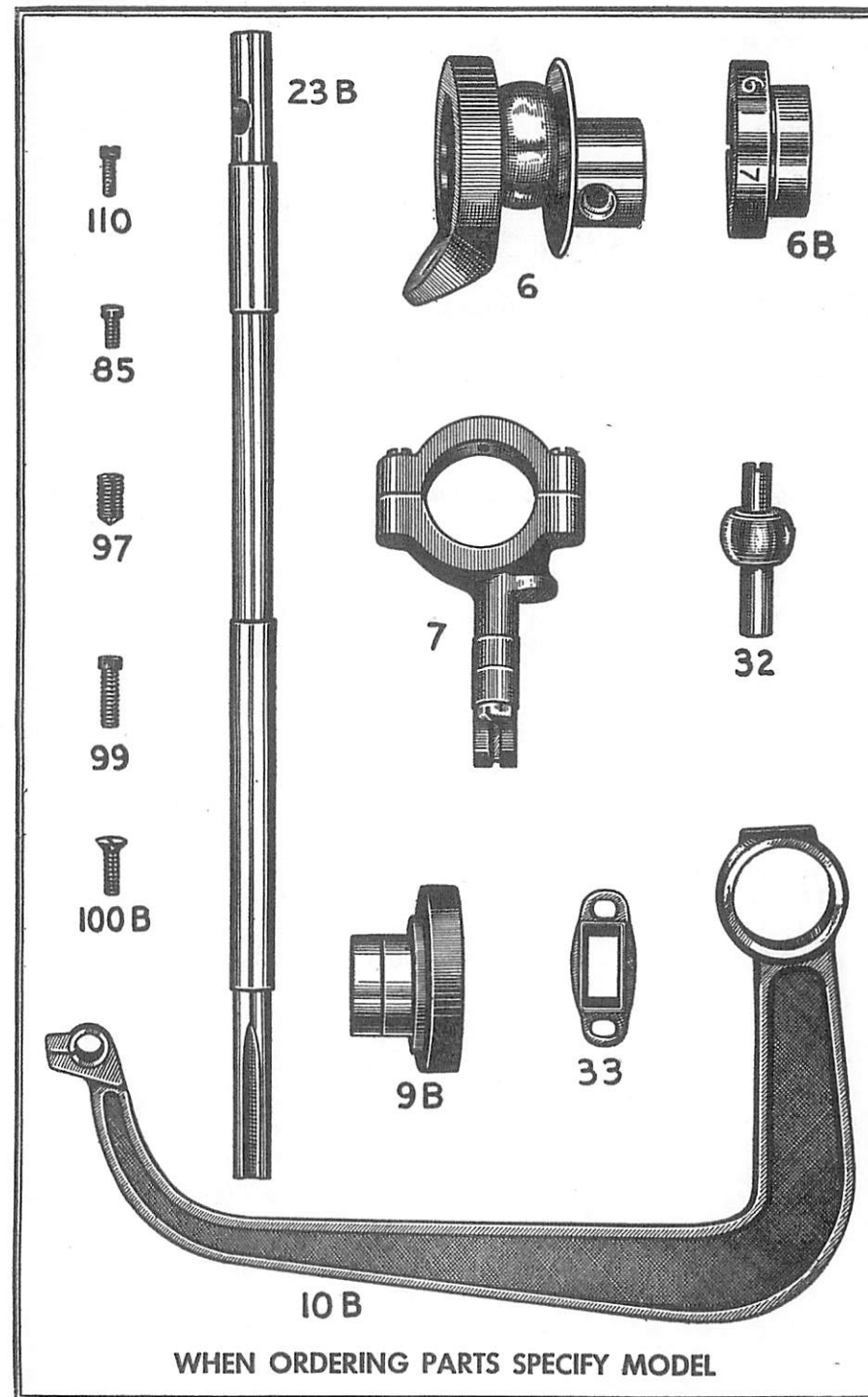
Do not rest on knee lifter. Be sure that the knee does not touch the knee lifter while the machine is in operation.

Do not try to help the machine by pulling the fabric, lest you bend the needle. The machine feeds the work without assistance.

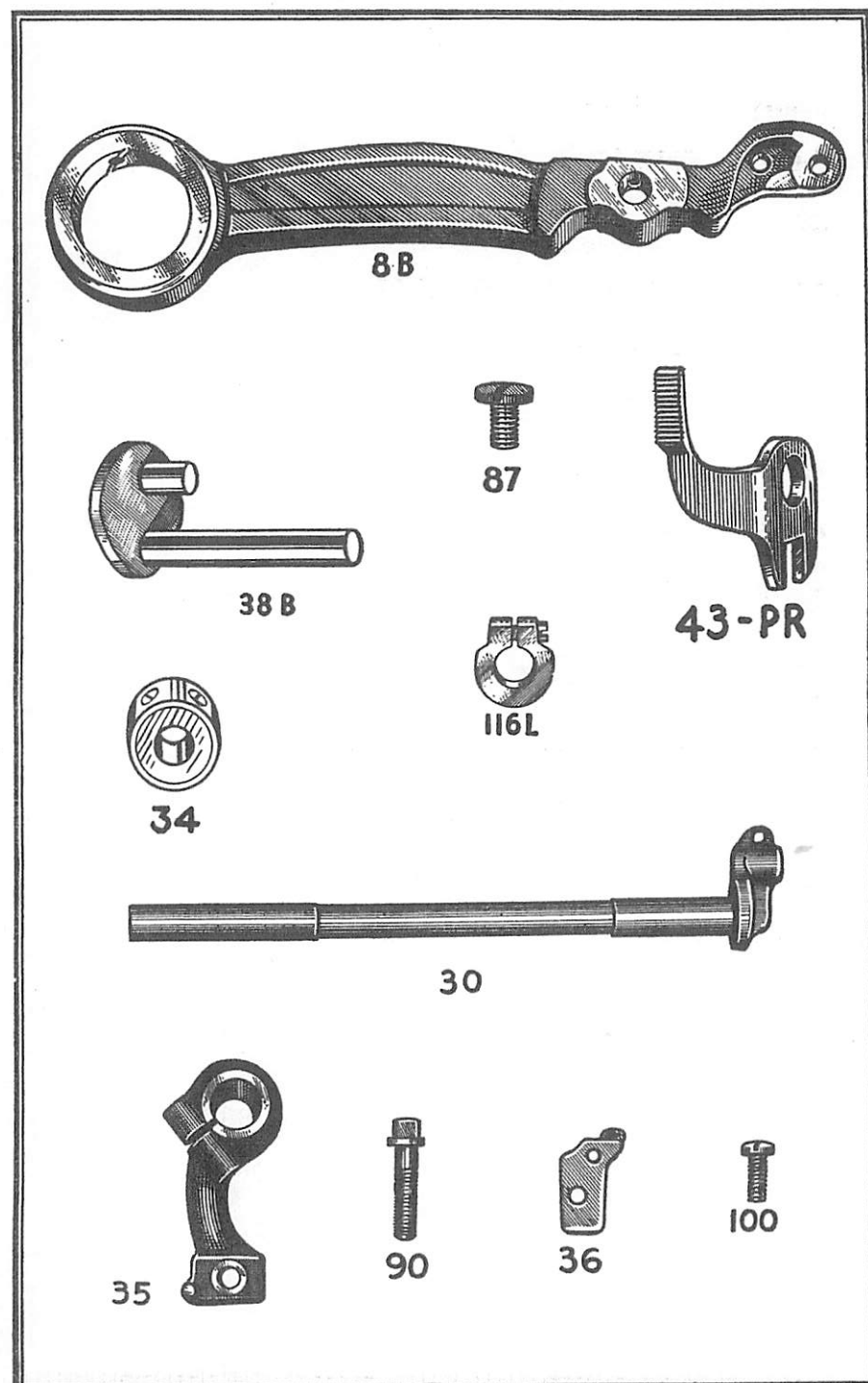
When removing the work from the machine, be sure that the needle is out of the cloth.

Do not run the machine without cloth.

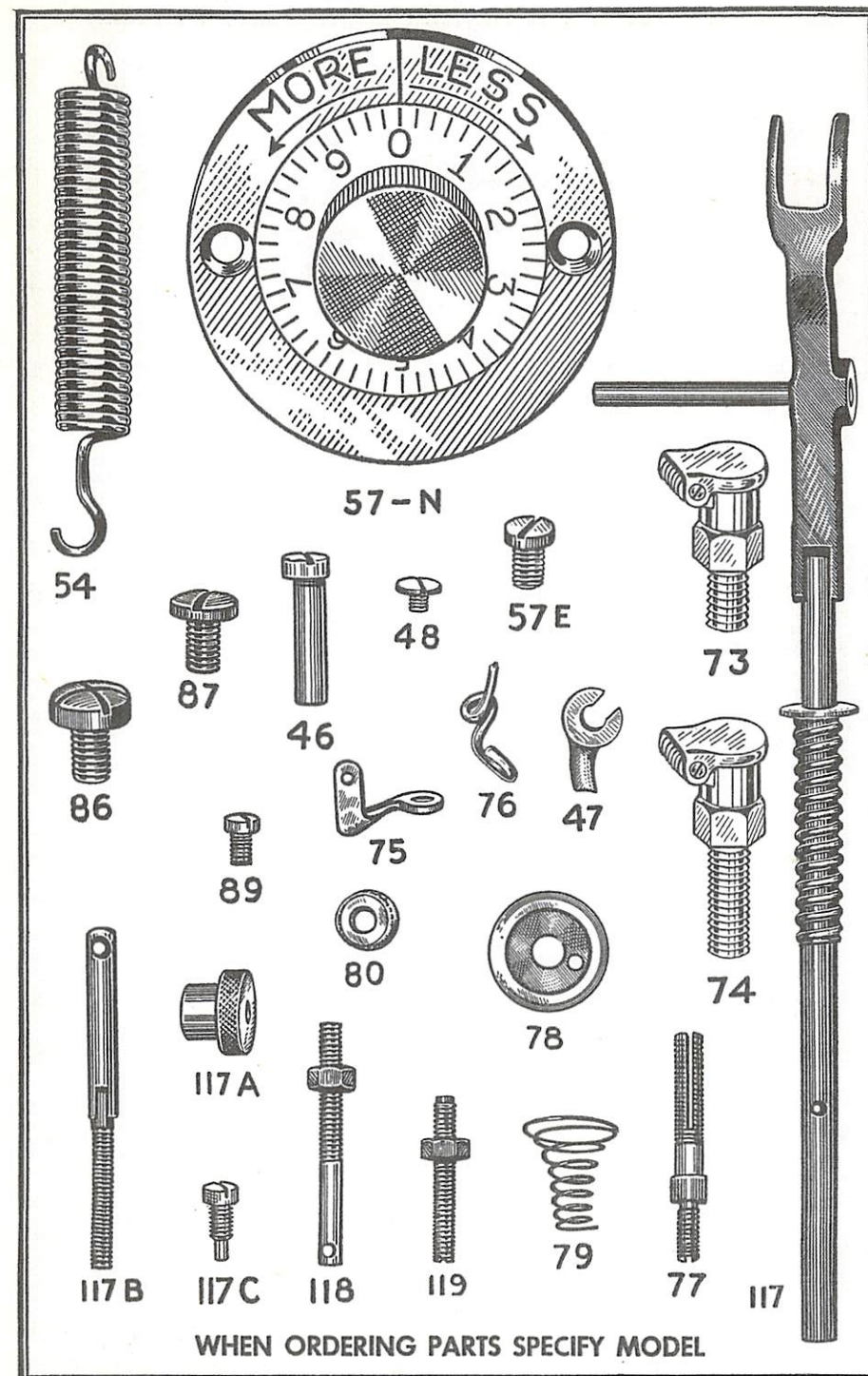
NUMBER	NAME
6	Feed Eccentric
6-B	Stitch Regulating Collar
7	Needle Connection
9-B	Rib Lever Eccentric (Model 88-PR only)
10-B	Rib Connection Lever (Model 88-PR only)
23-B	Main Shaft (Model 88-PR only)
32	Eccentric Ball Stud
33	Eccentric Ball Guard
85	Rib Lever Eccentric Screw (Model 88-PR only)
97	Feed Eccentric Screw
99	Needle Connection Screw
100-B	Rib Lever Clamp Screw (Model 88-PR only)
110	Eccentric Ball Guard Screw



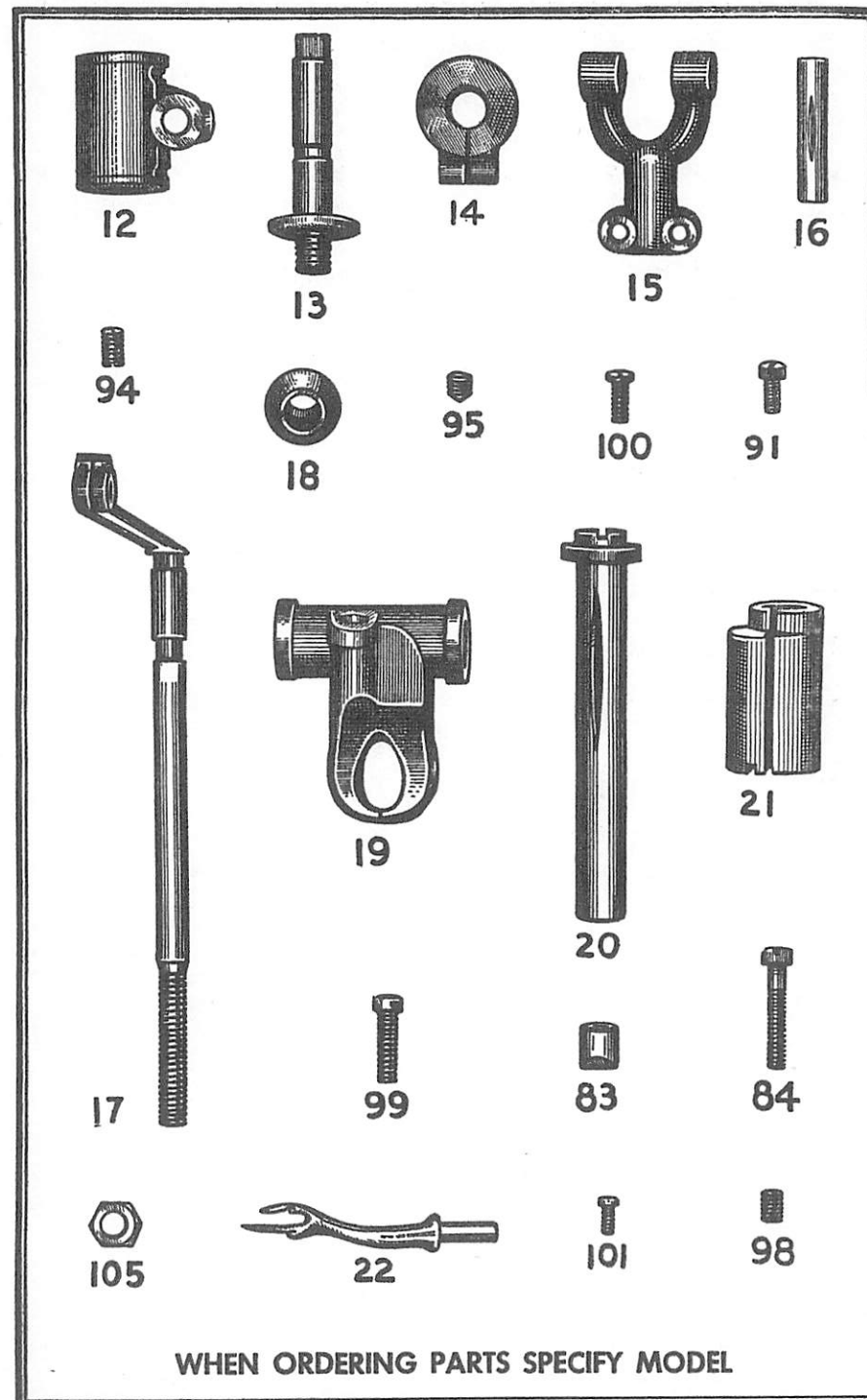
NUMBER	NAME
8-B	Feed Lever
30	Needle Shaft
34	Needle Shaft Clamp Collar
35	Needle Lever
36	Needle Clamp
38-B	Feed Lever Rocker Pin
43-PR	Feeder
43-PR-C	This Feeder is used for 1/4 inch flat roll (Model 88-PR only) not illustrated
87	Feeder Screw
90	Needle Lever Clamp Screw
100	Needle Clamp Screw
100	Needle Shaft Crank Screw
116-L	Feed Lever Rocker Pin Collar



NUMBER	NAME
46	Presserfoot Eccentric Pin
47	Needle Guide
48	Needle Guide Screw
54	Main Spring (Model 88-PR only)
57-N	Regulating Knob (Model 88-PR only)
57-E	Regulating Knob Screw
73	Oil Cup
74	Oil Cup
75	Rear Thread Guide
76	Front Thread Guide
77	Tension Stud
78	Tension Disc
79	Tension Spring
80	Tension Nut
86	Presserfoot Clamp Screw
87	Presserfoot Brace Screw
89	Thread Guide Screw
117	Regulating Fork and Rod Complete (Model 88-PR only)
117-A	Spring Knob (Model 88-PR only)
117-B	Spring Link (Model 88-PR only)
117-C	Main Spring Lock Screw (Model 88-PR only)
118	Main Spring Screw and Nut (Model 88-PR only)
119	Feed Frame Limit Screw & Nut (Model 88-PR only)

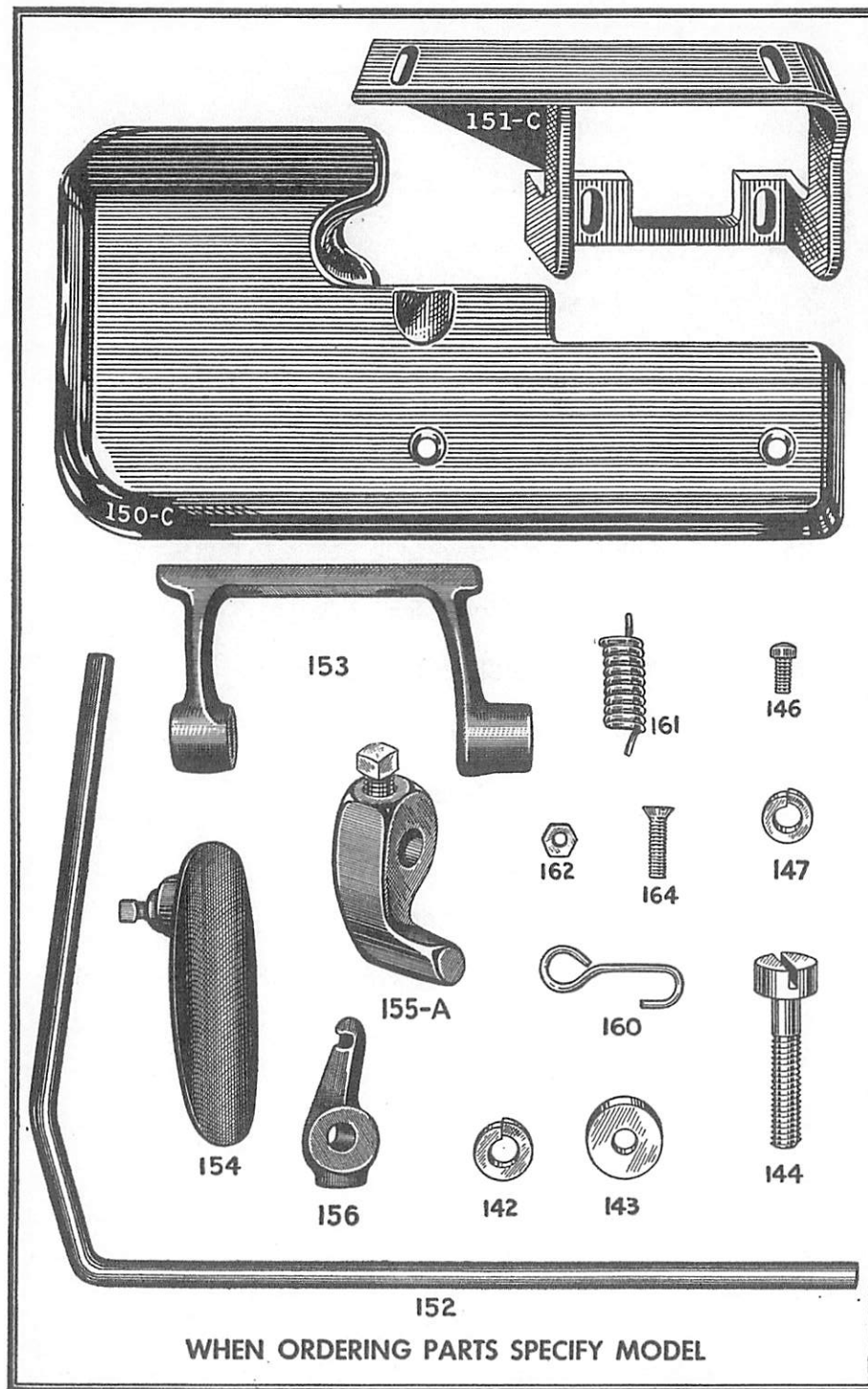


NUMBER	NAME
12	Looper Rod Sleeve
13	Looper Rod Sleeve Stud
14	Looper Rod Sleeve Clamp Collar
15	Looper Rod Fork
16	Looper Rod Fork Pin
17	Looper Rod
18	Looper Rod Ball
19	Looper Rod Carrier
20	Looper Rod Carrier Stud
21	Eccentric Block
22	Looper
83	Eccentric Block Clamp
84	Eccentric Block Clamp Screw
91	Looper Fork Clamp Screw
94	Looper Sleeve Pin Screw
95	Looper Rod Ball Screw
98	Eccentric Block Screw
99	Looper Rod Carrier Clamp Screw
100	Sleeve Collar Clamp Screw
101	Looper Clamp Screw
105	Looper Rod Nut

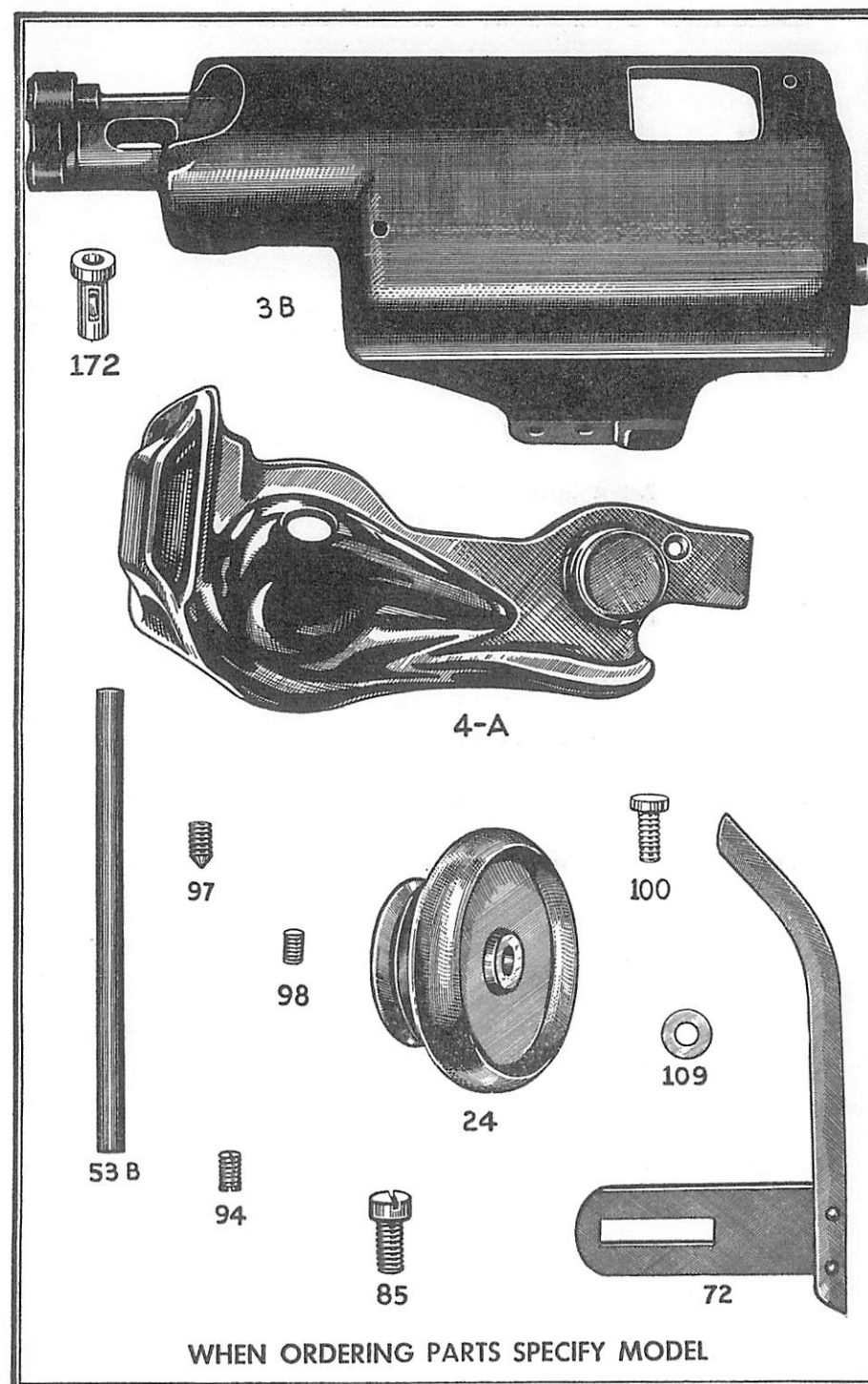


(MODEL 88-PR ONLY)

NUMBER	NAME
142	Supporting Bracket Lock Washer
143	Supporting Bracket Washer
144	Supporting Bracket Screw
146	Knee Lifter Screw
147	Knee Lifter Lock Washer
150-C	Front Plate
151-C	Front Plate Bracket
152	Knee Lifter Rod
153	Knee Lifter Bracket
154	Knee Pedal
155-A	Combination Knee Lifter Stop Bracket and Lifting Bracket
156	Lifting Bracket
160	Knee Lifter Bracket Hook
161	Knee Lifter Supporting Spring
162	Front Plate Screw Nut
164	Front Plate Screw

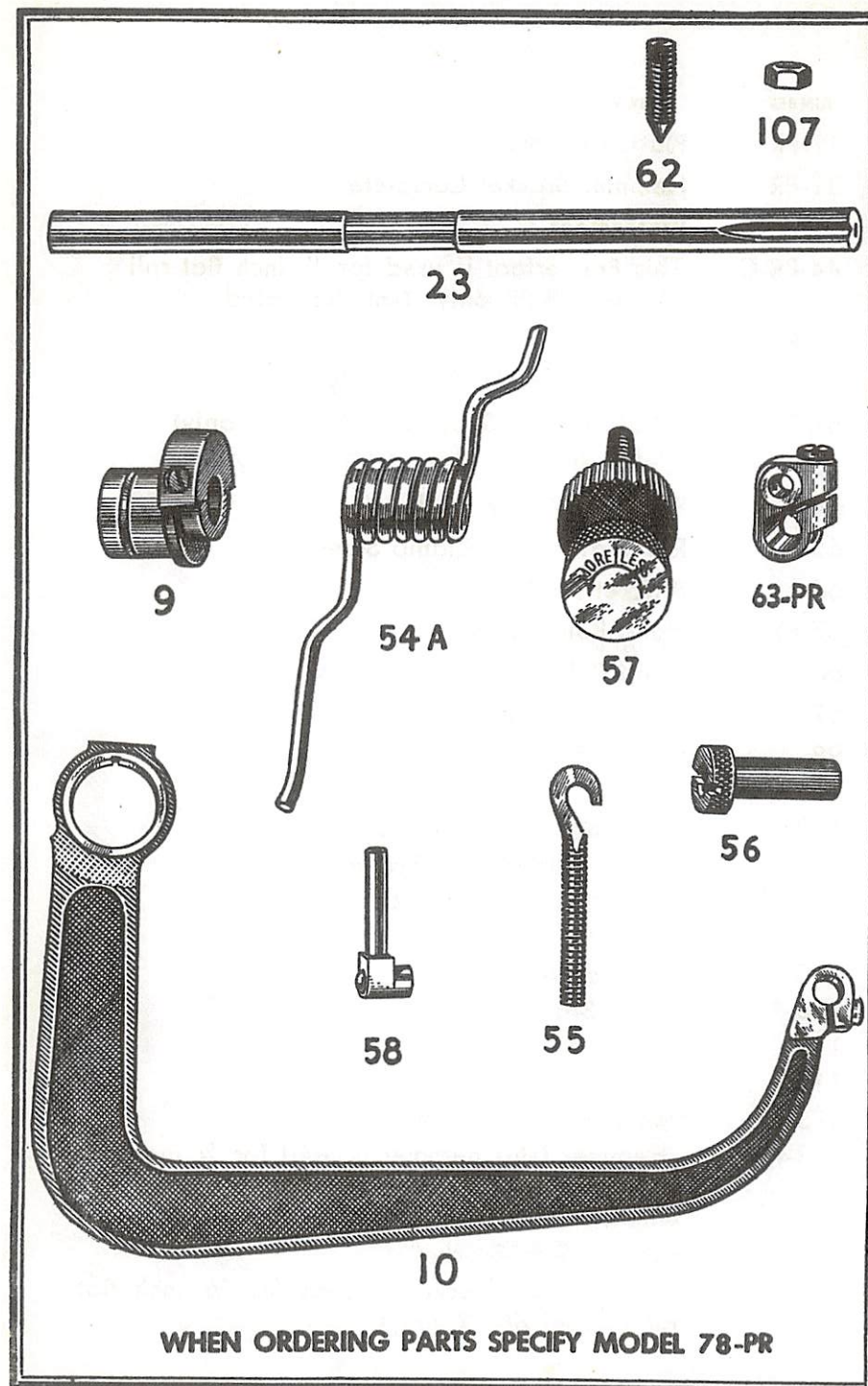


NUMBER	NAME
3-B	Feed Frame (Model 88-PR only)
4-A	Cover
24	Hand Wheel
24-V	Hand Wheel V Belt Drive (Not illustrated)
53-B	Feed Frame Shaft (88-PR only)
72	Belt Guard
85	Belt Guard Screw
94	Lever Stud Clamp Screw
94	Feed Frame Shaft Clamp Screw
97	Hand Wheel Screw
98	Hand Wheel Screw
100	Cover Screw
109	Belt Guard Washer
172	Left and Right Feed Frame Bushing (88-PR only)

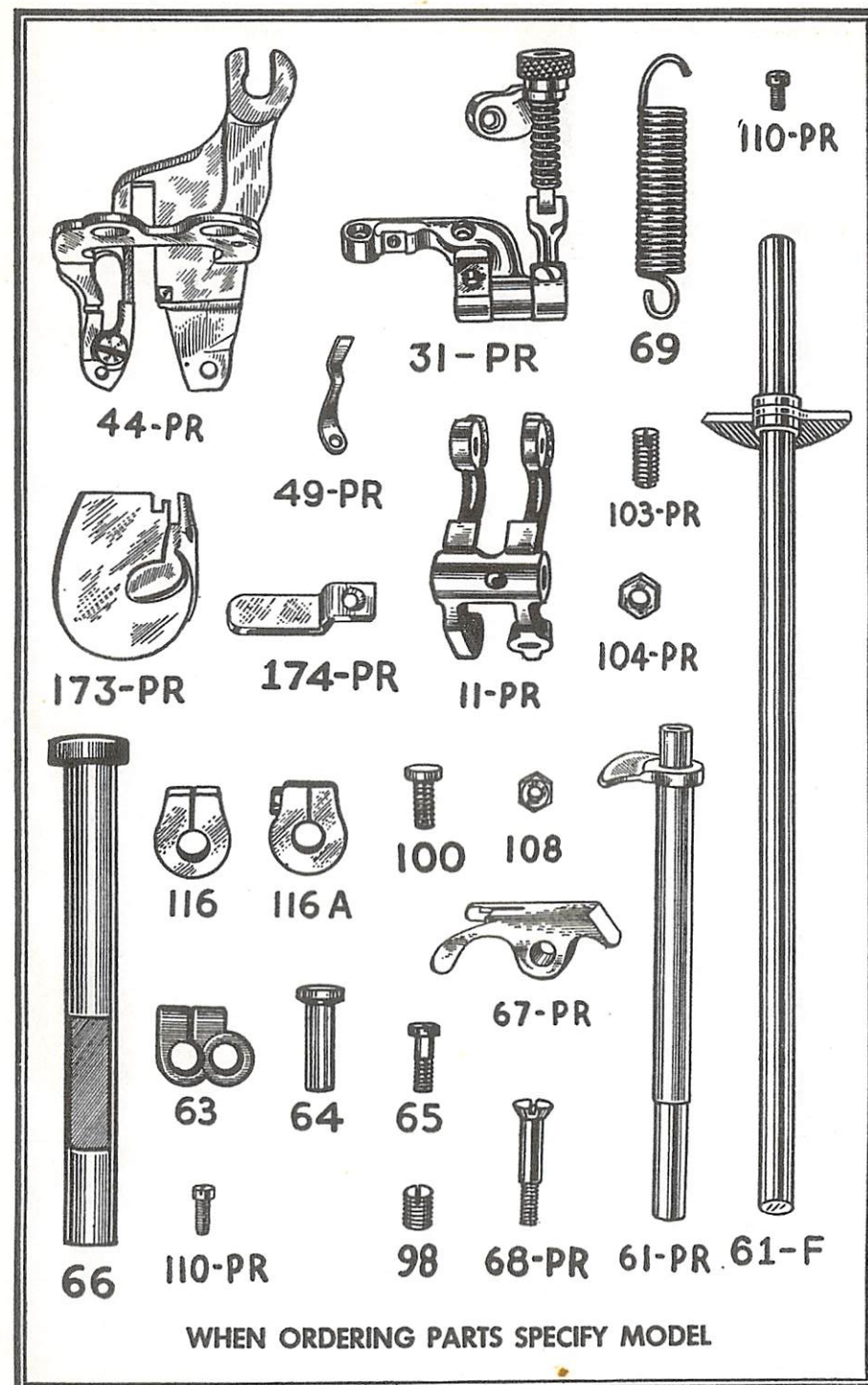


(MODEL 78-PR ONLY)

NUMBER	NAME
9	Rib Lever Eccentric
10	Rib Lever
23	Main Shaft
54-A	Main Spring
55	Main Spring Hook
56	Main Spring Hook Nut
57	Regulating Knob
58	Regulating Knob Plunger
62	Rib Shaft Center Screw
63-PR	Rib Shaft Crank
107	Rib Shaft Center Screw Nut



NUMBER	NAME
11-PR	Platten Bracket
31-PR	Hemmer Bracket Complete
44-PR	Presserfoot
44-PR-C	This Presserfoot is used for ¼ inch flat roll (Model 88-PR only) Not illustrated
49-PR	Shoe
61-F	Rib Shaft (Model 88-PR only)
61-PR	Hand Roll Rib Shaft (Model 78-PR only)
63	Rib Shaft Crank (Model 88-PR only)
64	Rib Shaft Crank Stud
65	Rib Shaft Crank Clamp Screw
66	Bracket Stud
67-PR	Hand Roll Platten
68-PR	Hand Roll Platten Stud
69	Platten Spring
98	Bracket Stud Set Screw
100	Hemmer Bracket Screw
100	Rib Shaft Collar Clamp Screw
103-PR	Platten Bracket Limit Screw
104-PR	Platten Bracket Limit Screw Nut
108	Platten Stud Nut
110-PR	Shoe Screw
110-PR	Bridge Bracket Screw
116	Left Rib Shaft Collar
116-A	Right Rib Shaft Collar
173-PR	Hemmer (Specify Size)
173-PR-C	Hemmer (This hemmer is used for ¼ inch flat roll, (Model 88-PR only). Specify size and whether A or B. (Not illustrated).
174-PR	Hemmer Side Bracket
174-PR-C	Hemmer Side Bracket is used for ¼ inch flat roll (Model 88-PR only)



WHEN ORDERING PARTS SPECIFY MODEL